

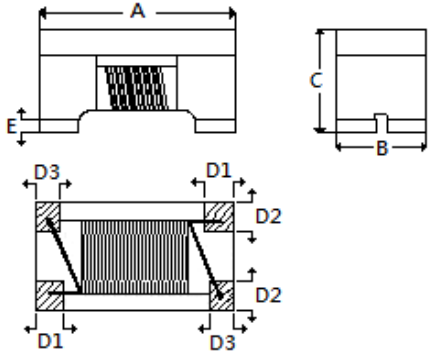
Wire Wound Type Common Mode Filter DCM321620F2UF-600T02-1R1

1. Features

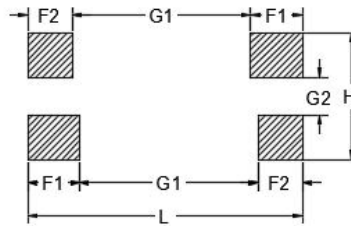
1. High common mode impedance at high frequency effects excellent noise suppression performance.
2. DCM321620F2UF series realizes small size and low profile.
3. 100% Lead(Pb) & Halogen-Free and RoHS compliant.
4. Operating temperature-40~+125°C (Including self - temperature rise)



2. Dimension



Recommended PC Board Pattern



Series	A(mm)	B(mm)	C(mm)	D1(mm)	D2(mm)	D3(mm)	E(mm)	L(mm)	H(mm)	G1(mm)	G2(mm)	F1(mm)	F2(mm)
321620F2UF	3.4±0.2	1.6±0.2	2.4 Max	0.64±0.1	0.58±0.1	0.54±0.1	0.12 (typ.)	3.7	1.7	2.4	0.5	0.7	0.6

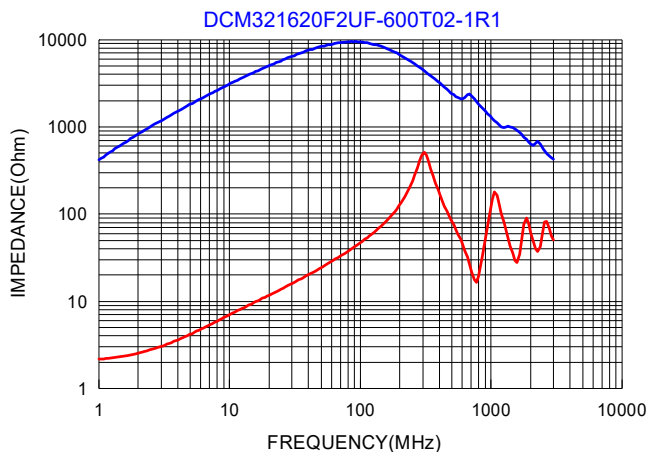
3. Part Numbering

Units: mm **DCM** **321620** **F** **2** **U** **F** - **600** **T** **02** - **1R1**
 A B C D E F G H I J

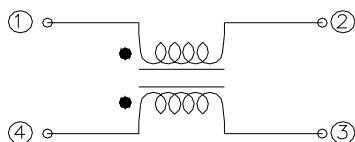
- A: Series
- B: Dimension
- C: Material Ferrite Core
- D: Number of Lines 2=2 lines
- E: Type W7C
- F: Lead free
- G: Inductance 600=60uH
- H: Packaging T=Taping and Reel
- I: Rated Current 02=200mA
- J: RDC 1R1=1.1(Ω)

4. Specification

TAI-TECH Part Number	Inductance(uH) [100kHz/0.1V] Min.	DC Resistance (Ω)Max.	Rated Current (mA)	Rated Volt. (Vdc)	Withstand Volt. (Vdc) max.	IR(Ω) min.
DCM321620F2UF-600T02-1R1	60	1.1	200	50	125	10M

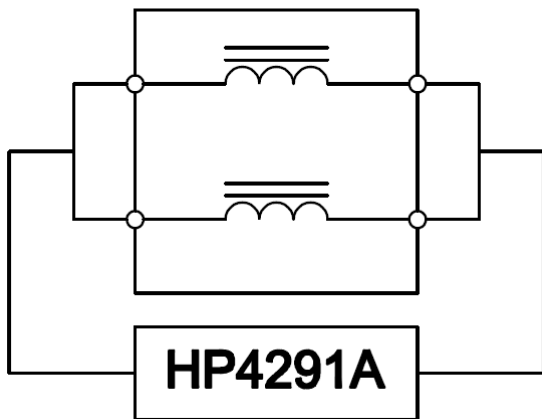


5. Schematic Diagram

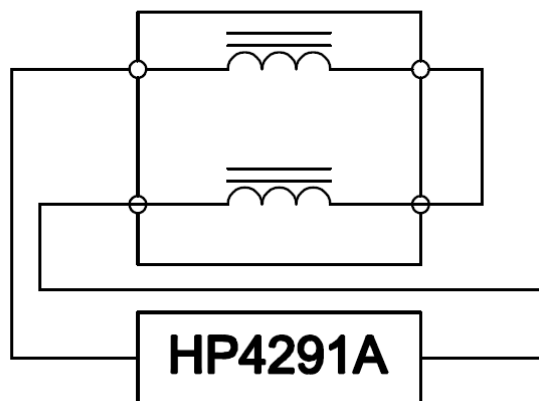


6. MEASURING CIRCUITS 2LINE

Common mode



Differential mode



Wire Wound Type Common Mode Filter

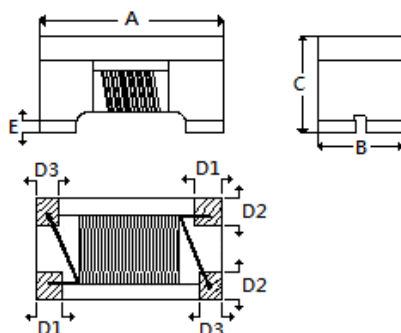
DCM321620F2SF-600T02

1. Features

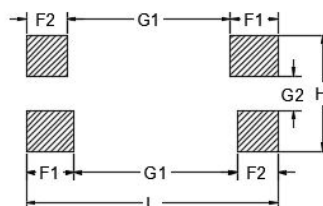
1. High common mode impedance at high frequency effects excellent noise suppression performance.
2. DCM321620F2SF series realizes small size and low profile.
3. 100% Lead(Pb) & Halogen-Free and RoHS compliant.
4. Operating temperature-40~+85°C (Including self - temperature rise)



2. Dimension



Recommended PC Board Pattern



Series	A(mm)	B(mm)	C(mm)	D1(mm)	D2(mm)	D3(mm)	E(mm)	L(mm)	H(mm)	G1(mm)	G2(mm)	F1(mm)	F2(mm)
321620F2SF	3.4±0.2	1.6±0.2	2.0±0.2	0.64±0.1	0.58±0.1	0.54±0.1	0.12 (typ.)	3.7	1.7	2.4	0.5	0.7	0.6

Units: mm

3. Part Numbering

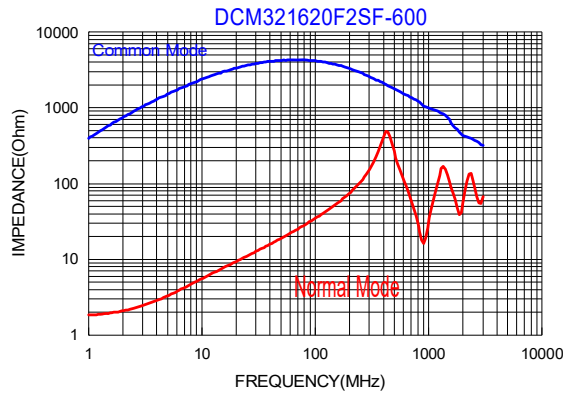
DCM
321620
F
2
S
F
-
600
T
02

A B C D E F G H I

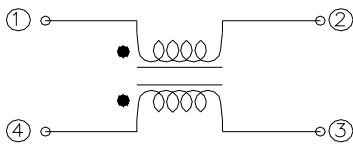
A: Series
 B: Dimension
 C: Material Ferrite Core
 D: Number of Lines 2=2 lines
 E: Type S=Shielded , N=Unshielded
 F: Lead free
 G: Inductance 600=60uH
 H: Packaging T=Taping and Reel
 I: Rated Current 02=200mA

4. Specification

TAI-TECH Part Number	Inductance(uH) [100kHz/0.1V] Min.	DC Resistance (Ω)Max.	Rated Current (mA)	Rated Volt. (Vdc)	Withstand Volt. (Vdc) max.	IR(Ω) min.
DCM321620F2SF-600T02	60	1.7	200	50	125	10M

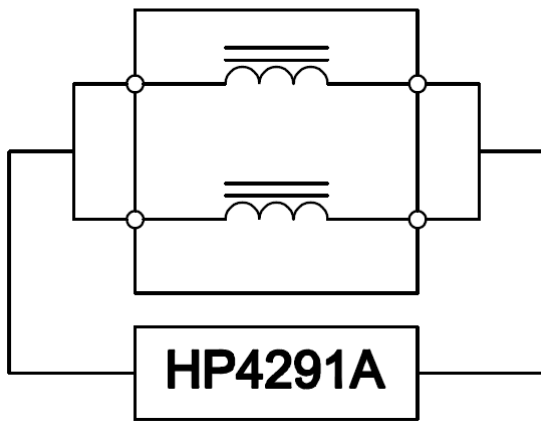


5. Schematic Diagram

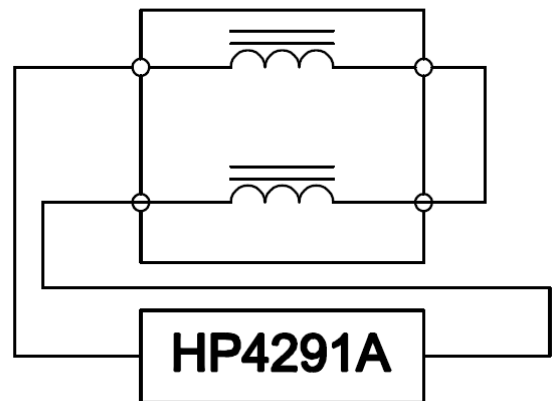


6. MEASURING CIRCUITS 2LINE

Common mode



Differential mode



Wire Wound Type Common Mode Filter

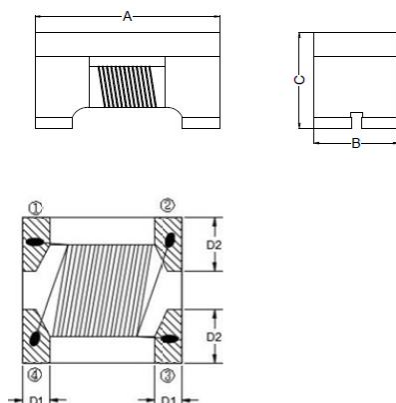
DCM4532F2UF-600

1. Features

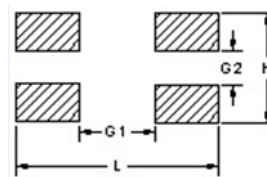
1. High common mode impedance at high frequency cause excellent noise suppression performance.
2. DCM4532F2UF series realizes small size and low profile. 4.5x3.2x2.8 mm.
3. 100% Lead(Pb) & Halogen-Free and RoHS compliant.
4. Operating temperature-40~+125°C (Including self - temperature rise)



2. Dimension



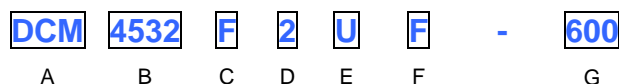
Recommended PC Board Pattern



Series	A(mm)	B(mm)	C(mm)	D1(mm)	D2(mm)	L(mm)	H(mm)	G1(mm)	G2(mm)
4532F2UF	4.5±0.2	3.2±0.2	3.0±0.2	1.0±0.1	1.2±0.1	4.8	3.8	2.6	0.8

Units: mm

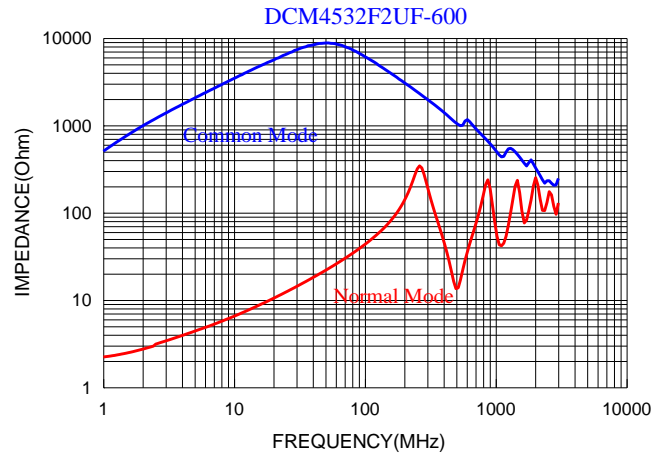
3. Part Numbering



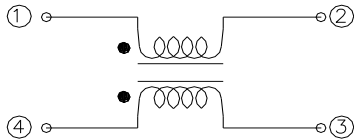
- A: Series
 B: Dimension
 C: Material Ferrite Core
 D: Number of Lines 2=2 lines
 E: Type W7C
 F: Lead free
 G: Inductance 600=60(uH)

4. Specification

TAI-TECH Part Number	Inductance (μH) [100kHz]	DC Resistance (Ω) max.	Rated Current (mA) max.	Rated Volt. (Vdc) max.	IR (Ω) min.
DCM4532F2UF-600	60min	0.50	20	50	1M

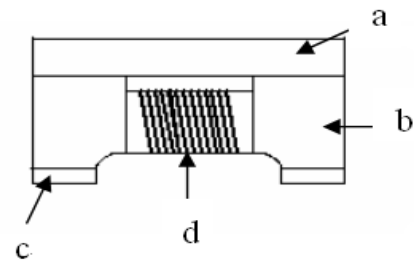


5. Schematic Diagram



6. Materials

No.	Description	Specification
a.	Upper Plate	Ferrite
b.	Core	Ferrite Core
c.	Termination	Ag/Ni/Sn
d.	Wire	Enameled Copper Wire



Wire Wound Type Common Mode Filter

DCM3532F2UF-SERIES

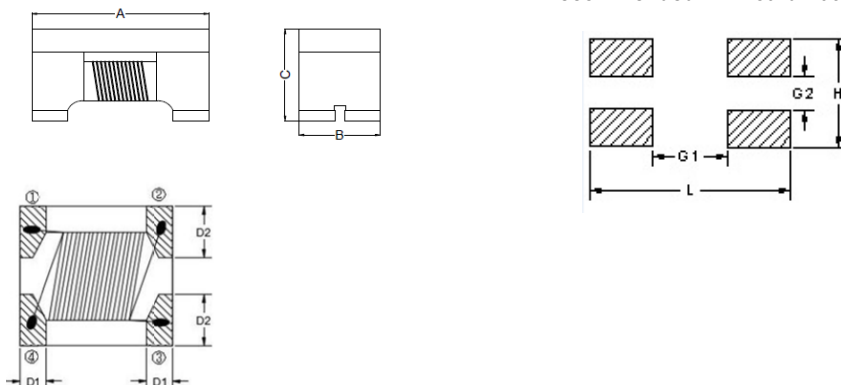
1. Features

1. High common mode impedance at high frequency effects excellent noise suppression performance.
2. DCM3532F2UF series realizes small size and low profile. 3.5x3.2x2.3mm
3. 100% Lead(Pb) & Halogen-Free and RoHS compliant.
4. Operating temperature-40~+125°C (Including self - temperature rise)



2. Dimension

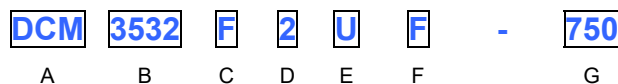
Recommended PC Board Pattern



Series	A(mm)	B(mm)	C(mm)	D1(mm)	D2(mm)	L(mm)	H(mm)	G1(mm)	G2(mm)
3532F2UF	3.5±0.2	3.2±0.2	2.3±0.2	0.63±0.1	1.18±0.1	4.40	3.80	2.45	0.90

Units: mm

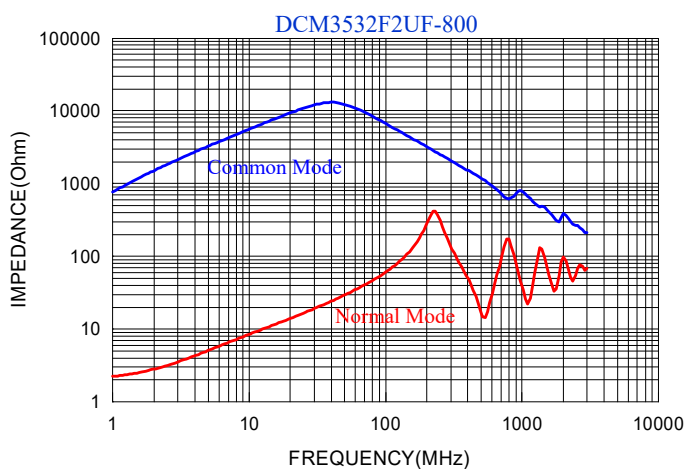
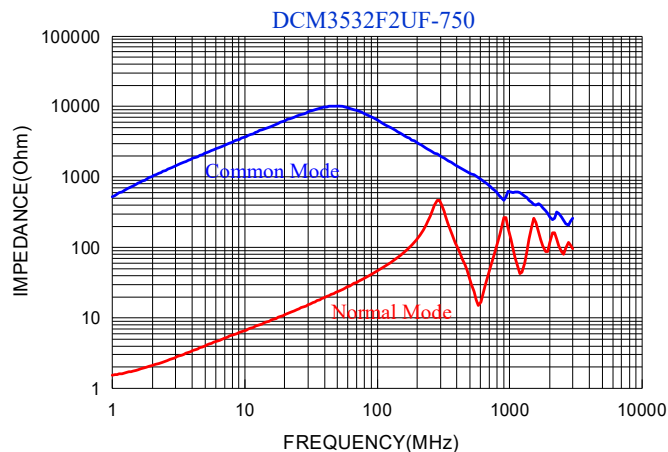
3. Part Numbering



- A: Series
 B: Dimension
 C: Material Ferrite Core
 D: Number of Lines 2=2 lines
 E: Type W7C
 F: Lead free
 G: Inductance 750=75 μ H

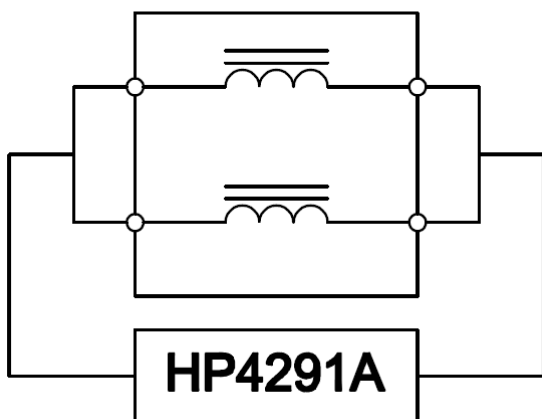
4. Specification

TAI-TECH Part Number	Inductance(μ H) [100kHz/0.1V] Min.	DC Resistance (Ω)Max.	Rated Current (mA)	Rated Volt. (Vdc)	Withstand Volt. (Vdc) max.	IR(Ω) min.
DCM3532F2UF-750	75	0.8	300	50	125	10M
DCM3532F2UF-800	75~160	1.3	200	50	125	10M

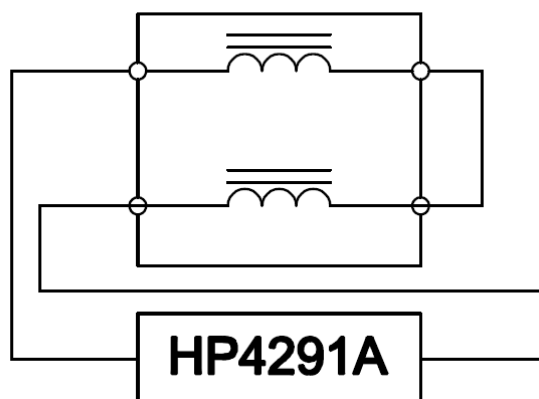


5. MEASURING CIRCUITS 2LINE

Common mode



Differential mode



Wire Wound Type Common Mode Filter

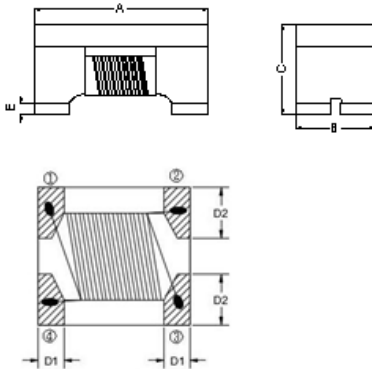
DCM3532F2SF-750T03

1. Features

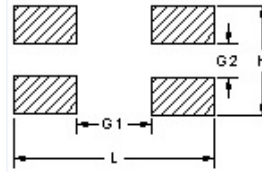
1. High common mode impedance at high frequency effects excellent noise suppression performance.
2. DCM3532F2SF series realizes small size and low profile. 3.5x3.2x2.3mm
3. 100% Lead(Pb) & Halogen-Free and RoHS compliant.
4. Operating temperature-40~+85°C (Including self - temperature rise)



2. Dimension



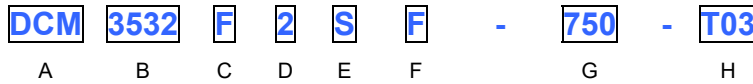
Recommended PC Board Pattern



Series	A(mm)	B(mm)	C(mm)	D1(mm)	D2(mm)	L(mm)	H(mm)	G1(mm)	G2(mm)
3532F2SF	3.5±0.2	3.2±0.2	2.3±0.2	0.63±0.1	1.18±0.1	4.40	3.80	2.45	0.90

Units: mm

3. Part Numbering



- A: Series
- B: Dimension
- C: Material Ferrite Core
- D: Number of Lines 2=2 lines
- E: Type S=Shielded
- F: Lead free
- G: Inductance 750=75 μ H
- H: Rated Current 03=300mA

4. Specification

TAI-TECH Part Number	Inductance(μ H) [100kHz/0.1V] Min.	DC Resistance (Ω)Max.	Rated Current (mA)	Rated Volt. (Vdc)	Withstand Volt. (Vdc) max.	IR(Ω) min.
DCM3532F2SF-750T03	75	0.8	300	50	125	10M

